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Welcome to STN International! Enter x:

Sorry. Your logon could not be completed because
no recognized response was received from the gateway system.
Please check the gateway "Prompt Characters strings".

Welcome to STN International! Enter x:X

LOGINID:SSPTASXB1612

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	JAN 12	Match STN Content and Features to Your Information Needs, Quickly and Conveniently
NEWS	3	JAN 25	Annual Reload of MEDLINE database
NEWS	4	FEB 16	STN Express Maintenance Release, Version 8.4.2, Is Now Available for Download
NEWS	5	FEB 16	Derwent World Patents Index (DWPI) Revises Indexing of Author Abstracts
NEWS	6	FEB 16	New FASTA Display Formats Added to USGENE and PCTGEN
NEWS	7	FEB 16	INPADOCDB and INPAFAMDB Enriched with New Content and Features
NEWS	8	FEB 16	INSPEC Adding Its Own IPC codes and Author's E-mail Addresses
NEWS	9	APR 02	CAS Registry Number Crossover Limits Increased to 500,000 in Key STN Databases
NEWS	10	APR 02	PATDPAFULL: Application and priority number formats enhanced
NEWS	11	APR 02	DWPI: New display format ALLSTR available
NEWS	12	APR 02	New Thesaurus Added to Derwent Databases for Smooth Sailing through U.S. Patent Codes
NEWS	13	APR 02	EMBASE Adds Unique Records from MEDLINE, Expanding Coverage back to 1948
NEWS	14	APR 07	CA/CAPLUS CLASS Display Streamlined with Removal of Pre-IPC 8 Data Fields
NEWS	15	APR 07	50,000 World Traditional Medicine (WTM) Patents Now Available in CAPLUS
NEWS	16	APR 07	MEDLINE Coverage Is Extended Back to 1947
NEWS EXPRESS		FEBRUARY 15 10	CURRENT WINDOWS VERSION IS V8.4.2, AND CURRENT DISCOVER FILE IS DATED 15 JANUARY 2010.
NEWS HOURS			STN Operating Hours Plus Help Desk Availability
NEWS LOGIN			Welcome Banner and News Items

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 08:20:26 ON 19 MAY 2010

=> file registry

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.66	0.66

FILE 'REGISTRY' ENTERED AT 08:22:25 ON 19 MAY 2010

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STRUCTURE FILE UPDATES: 18 MAY 2010 HIGHEST RN 1224564-83-3

DICTIONARY FILE UPDATES: 18 MAY 2010 HIGHEST RN 1224564-83-3

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 8, 2010.

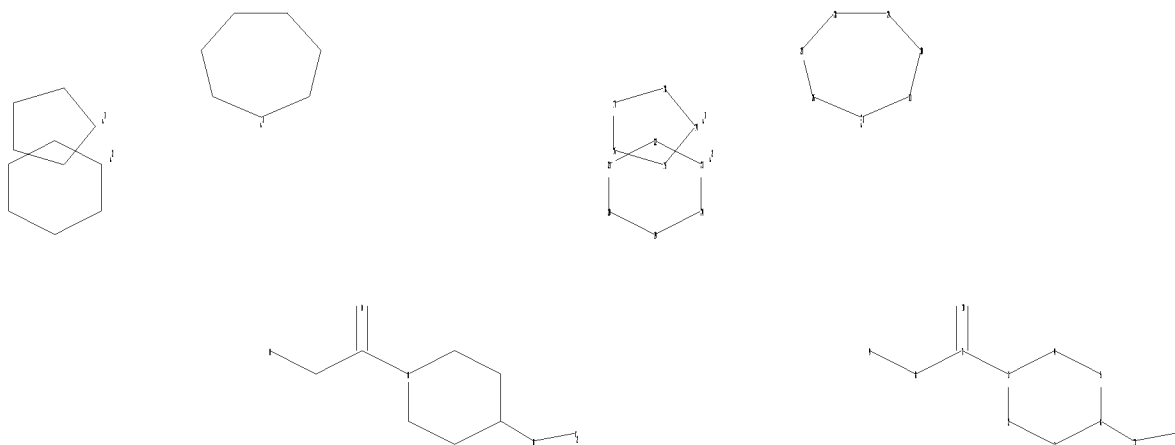
Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>

Uploading C:\Program Files\STNEXP\Queries\10579042 B.str



```

chain nodes :
7 8 9 10 11 12
ring nodes :
1 2 3 4 5 6 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29
30 31
chain bonds :
3-7 6-11 7-8 7-10 8-9 11-12
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 14-15 14-18 15-16 16-17 17-18 19-20 19-24
20-21 21-22 22-23 23-24 25-26 25-31 26-27 27-28 28-29 29-30 30-31
exact/norm bonds :
1-2 1-6 2-3 3-4 3-7 4-5 5-6 6-11 7-10 8-9 11-12 14-15 14-18 15-16
16-17 17-18 19-20 19-24 20-21 21-22 22-23 23-24 25-26 25-31 26-27 27-28
28-29 29-30 30-31
exact bonds :
7-8

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G1:Ph,Cb

G2:Ph, [*1], [*2], [*3]

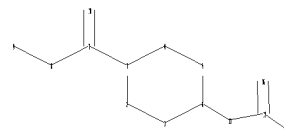
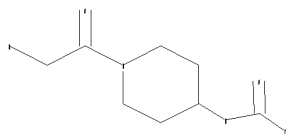
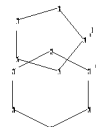
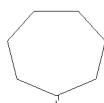
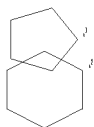
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11:CLASS 12:CLASS 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom 20:Atom
21:Atom 22:Atom 23:Atom 24:Atom 25:Atom 26:Atom 27:Atom 28:Atom 29:Atom
30:Atom 31:Atom

L1 STRUCTURE UPLOADED

=>

Uploading C:\Program Files\STNEXP\Queries\10579042 C.str



```

chain nodes :
7 8 9 10 11 12 36 38
ring nodes :
1 2 3 4 5 6 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29
30 31
chain bonds :
3-7 6-11 7-8 7-10 8-9 11-12 12-36 12-38
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 14-15 14-18 15-16 16-17 17-18 19-20 19-24
20-21 21-22 22-23 23-24 25-26 25-31 26-27 27-28 28-29 29-30 30-31
exact/norm bonds :
1-2 1-6 2-3 3-4 3-7 4-5 5-6 6-11 7-10 8-9 11-12 12-36 12-38 14-15
14-18 15-16 16-17 17-18 19-20 19-24 20-21 21-22 22-23 23-24 25-26 25-31
26-27 27-28 28-29 29-30 30-31
exact bonds :
7-8

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G1:Ph,Cb

G2:Ph, [*1], [*2], [*3]

G3:C,N

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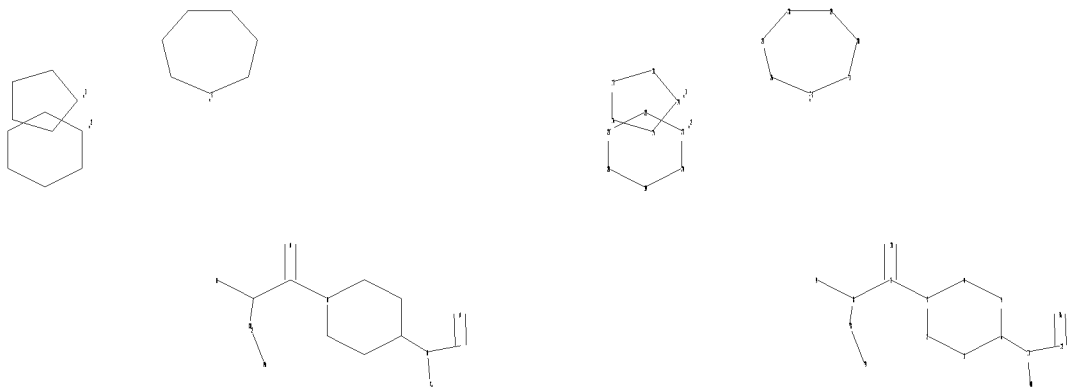
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30:Atom 31:Atom 36:CLASS 38:CLASS

```

L2 STRUCTURE UPLOADED

=>

Uploading C:\Program Files\STNEXP\Queries\10579042 D.str



chain nodes :

7 8 9 10 11 12 36 38 39 40

ring nodes :

1 2 3 4 5 6 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29
30 31

chain bonds :

3-7 6-11 7-8 7-10 8-9 8-38 11-12 11-40 12-36 38-39

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 14-15 14-18 15-16 16-17 17-18 19-20 19-24
20-21 21-22 22-23 23-24 25-26 25-31 26-27 27-28 28-29 29-30 30-31

exact/norm bonds :

1-2 1-6 2-3 3-4 3-7 4-5 5-6 6-11 7-10 8-9 11-12 11-40 12-36 14-15
14-18 15-16 16-17 17-18 19-20 19-24 20-21 21-22 22-23 23-24 25-26 25-31
26-27 27-28 28-29 29-30 30-31
exact bonds :
7-8 8-38 38-39

G1:Ph,Cb

G2:Ph, [*1], [*2], [*3]

G3:C,N

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
11:CLASS 12:CLASS 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom 20:Atom
21:Atom 22:Atom 23:Atom 24:Atom 25:Atom 26:Atom 27:Atom 28:Atom 29:Atom
30:Atom 31:Atom 36:CLASS 38:CLASS 39:CLASS 40:CLASS

L3 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam

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SAMPLE SCREEN SEARCH COMPLETED - 183 TO ITERATE

100.0% PROCESSED 183 ITERATIONS

42 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 2849 TO 4471

PROJECTED ANSWERS: 452 TO 1228

L4 42 SEA SSS SAM L1

=> s l2 sss sam

SAMPLE SEARCH INITIATED 08:25:01 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 904 TO ITERATE

100.0% PROCESSED 904 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 16277 TO 19883

PROJECTED ANSWERS: 0 TO 0

L5 0 SEA SSS SAM L2

=> s l2 sss full

```
100.0% PROCESSED      17410 ITERATIONS                      0 ANSWERS
SEARCH TIME: 00.00.01
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=> s 13 sss sam

```
100.0% PROCESSED      81 ITERATIONS      0 ANSWERS
SEARCH TIME: 00.00.01
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L7 0 SEA SSS SAM L3

```
=> s 13 sss full
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100.0% PROCESSED      1923 ITERATIONS                      8 ANSWERS
SEARCH TIME: 00.00.01
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L8 8 SEA SSS FUL L3

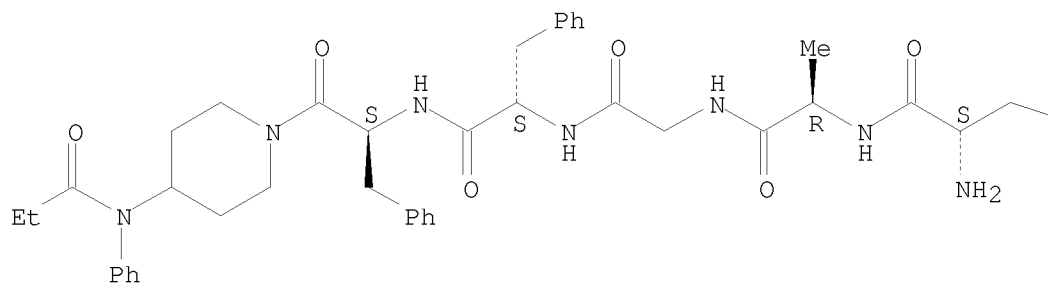
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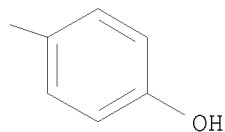
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RN 1222472-22-1 REGISTRY
ED Entered STN: 12 May 2010
CN INDEX NAME NOT YET ASSIGNED
FS PROTEIN SEQUENCE; STEREOSEARCH
MF C46 H55 N7 O7
SR Other Sources
    Database: ChEBI (European Bioinformatics Institute)
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RELATED SEQUENCES AVAILABLE WITH SEQLINK

Absolute stereochemistry.

PAGE 1-A





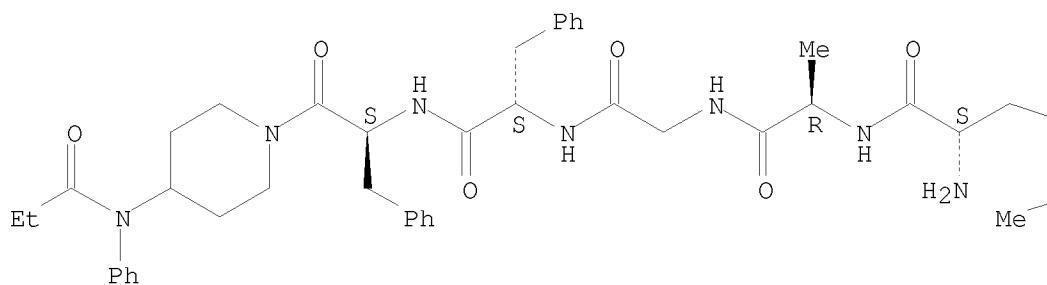
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 RN 1222388-98-8 REGISTRY
 ED Entered STN: 12 May 2010
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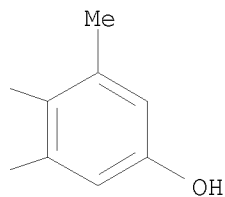
RELATED SEQUENCES AVAILABLE WITH SEQLINK

Absolute stereochemistry.

PAGE 1-A



PAGE 1-B

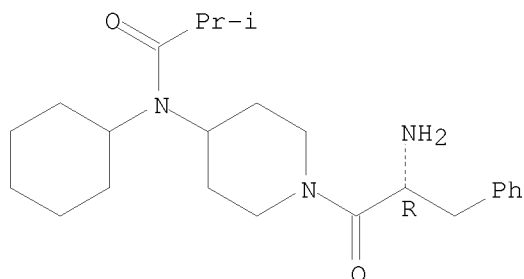


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L8 ANSWER 3 OF 8 REGISTRY COPYRIGHT 2010 ACS on STN
 RN 1046796-21-7 REGISTRY
 ED Entered STN: 05 Sep 2008
 CN Propanamide, N-[1-[(2R)-2-amino-1-oxo-3-phenylpropyl]-4-piperidinyl]-N-

cyclohexyl-2-methyl- (CA INDEX NAME)
 FS STEREOSEARCH
 MF C24 H37 N3 O2
 SR CA
 LC STN Files: CA, CAPLUS, CASREACT, TOXCENTER

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

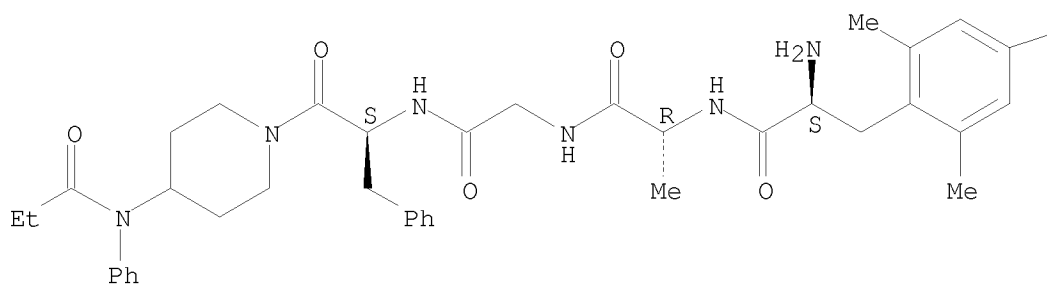
1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 4 OF 8 REGISTRY COPYRIGHT 2010 ACS on STN
 RN 959785-87-6 REGISTRY
 ED Entered STN: 31 Dec 2007
 CN Propanamide, N-[1-(2,6-dimethyl-L-tyrosyl-D-alanylglycyl-L-phenylalanyl)-4-piperidinyl]-N-phenyl- (CA INDEX NAME)
 FS PROTEIN SEQUENCE; STEREOSEARCH
 MF C39 H50 N6 O6
 SR CA
 LC STN Files: CA, CAPLUS, CASREACT

RELATED SEQUENCES AVAILABLE WITH SEQLINK

Absolute stereochemistry.

PAGE 1-A



PAGE 1-B

—OH

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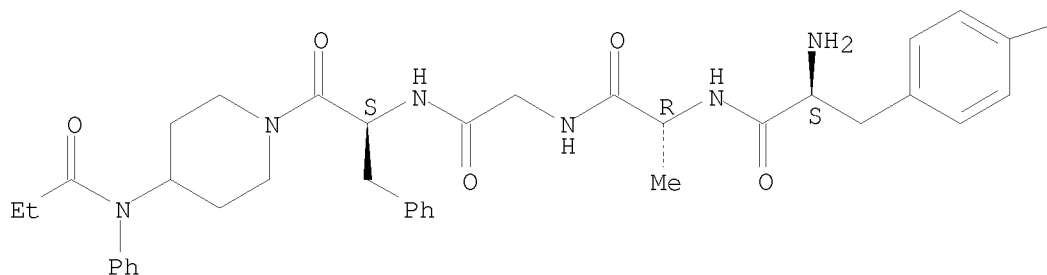
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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 5 OF 8 REGISTRY COPYRIGHT 2010 ACS on STN
RN 959785-85-4 REGISTRY
ED Entered STN: 31 Dec 2007
CN Propanamide, N-phenyl-N-[1-(L-tyrosyl-D-alanylglycyl-L-phenylalanyl)-4-piperidinyl]- (CA INDEX NAME)
FS PROTEIN SEQUENCE; STEREOSEARCH
MF C37 H46 N6 O6
SR CA
LC STN Files: CA, CAPLUS, CASREACT

RELATED SEQUENCES AVAILABLE WITH SEQLINK

Absolute stereochemistry.

PAGE 1-A



PAGE 1-B

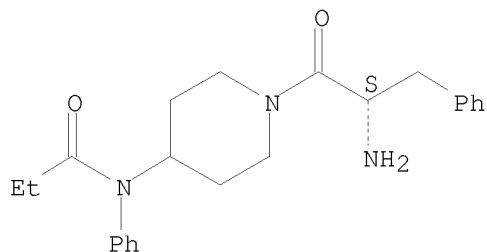
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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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RN 937738-85-7 REGISTRY
ED Entered STN: 18 Jun 2007
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FS STEREOSEARCH
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LC STN Files: CA, CAPLUS, CASREACT

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

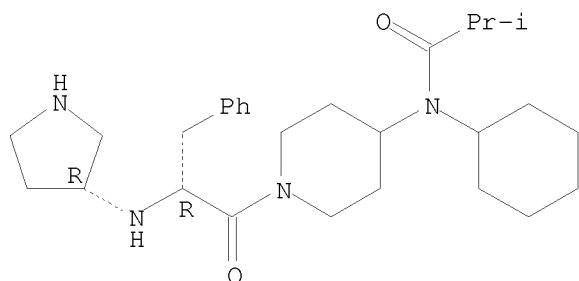
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L8 ANSWER 7 OF 8 REGISTRY COPYRIGHT 2010 ACS on STN
RN 852483-40-0 REGISTRY
ED Entered STN: 17 Jun 2005
CN Propanamide, N-cyclohexyl-2-methyl-N-[1-[(2R)-1-oxo-3-phenyl-2-[(3R)-3-pyrrolidinylamino]propyl]-4-piperidinyl]-, 2,2,2-trifluoroacetate (1:2)
(CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Propanamide, N-cyclohexyl-2-methyl-N-[1-[(2R)-1-oxo-3-phenyl-2-[(3R)-3-pyrrolidinylamino]propyl]-4-piperidinyl]-, bis(trifluoroacetate) (9CI)
FS STEREOSEARCH
MF C28 H44 N4 O2 . 2 C2 H F3 O2
SR CA
LC STN Files: CA, CAPLUS, CASREACT, TOXCENTER, USPATFULL

CM 1

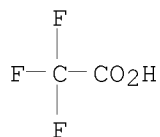
CRN 852483-39-7
CMF C28 H44 N4 O2

Absolute stereochemistry.



CM 2

CRN 76-05-1
CMF C2 H F3 O2

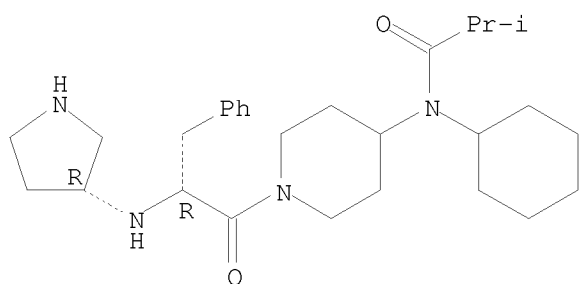


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1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 8 OF 8 REGISTRY COPYRIGHT 2010 ACS on STN
RN 852483-39-7 REGISTRY
ED Entered STN: 17 Jun 2005
CN Propanamide, N-cyclohexyl-2-methyl-N-[1-[(2R)-1-oxo-3-phenyl-2-[(3R)-3-pyrrolidinylamino]propyl]-4-piperidinyl]- (CA INDEX NAME)
FS STEREOSEARCH
MF C28 H44 N4 O2
CI COM
SR CA

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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FULL SCREEN SEARCH COMPLETED - 3702 TO ITERATE

100.0% PROCESSED 3702 ITERATIONS 923 ANSWERS
SEARCH TIME: 00.00.01

L9 923 SEA SSS FUL L1

=> file caplus
COST IN U.S. DOLLARS
FULL ESTIMATED COST

SINCE FILE ENTRY	TOTAL SESSION
593.38	594.04

FILE 'CAPLUS' ENTERED AT 08:26:41 ON 19 MAY 2010
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FILE COVERS 1907 - 19 May 2010 VOL 152 ISS 21
FILE LAST UPDATED: 18 May 2010 (20100518/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Apr 2010
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Feb 2010

CAPLUS now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2010.

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

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=> s 19 and py<=2004
      42 L9
      25158174 PY<=2004
L10      16 L9 AND PY<=2004
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=> d 1-16
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L10 ANSWER 1 OF 16 CAPLUS COPYRIGHT 2010 ACS on STN
AN 2008:1383655 CAPLUS
DN 149:575982
TI Reductive aminations of carbonyl compounds with borohydride and borane
    reducing agents
AU Baxter, Ellen W.; Reitz, Allen B.
CS The R. W. Johnson Pharmaceutical Research Institute, Spring House, PA, USA
SO Organic Reactions (Hoboken, NJ, United States) (2002), 59, No
    pp. given
    CODEN: ORHNBA
    URL: http://www3.interscience.wiley.com/cgi-bin/mrwhome/107610747/HOME
PB John Wiley & Sons, Inc.
DT Journal; General Review; (online computer file)
LA English
OS CASREACT 149:575982
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L10 ANSWER 2 OF 16 CAPLUS COPYRIGHT 2010 ACS on STN
AN 2003:633456 CAPLUS
DN 139:154954
TI Medicinal compositions containing gabapentin or pregabalin and N-type
    calcium channel antagonist
IN Iwayama, Satoshi; Koganei, Hajime; Fujita, Shinichi; Takeda, Tomoko;
    Yamamoto, Hiroshi; Niwa, Seiji
PA Ajinomoto Co., Inc., Japan
SO PCT Int. Appl., 154 pp.
    CODEN: PIXXD2
DT Patent
LA Japanese
FAN.CNT 1
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	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	AU 2003207219	A1	20030902	AU 2003-207219	20030205 <--
	EP 1481673	A1	20041201	EP 2003-703174	20030205 <--
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	US 20050009814	A1	20050113	US 2004-911633	20040805
	US 7713957	B2	20100511		
	JP 2010031029	A	20100212	JP 2009-230269	20091002
PRAI	JP 2002-28208	A	20020205		
	JP 2002-111068	A	20020412		
	JP 2002-317480	A	20021031		
	JP 2003-565464	A3	20030205		
	WO 2003-JP1163	W	20030205		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OS MARPAT 139:154954

OSC.G 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)

RE.CNT 32 THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 3 OF 16 CAPLUS COPYRIGHT 2010 ACS on STN

AN 2003:97412 CAPLUS

DN 138:153539

TI Preparation of 2-(piperidin-1-yl)acetamides as NMDA receptor antagonists

IN Domany, Gyoergy; Horvath, Csilla; Farkas, Sandor; Barta Szalai, Gisella; Nagy, Jozsef; Kolok, Sandor; Kovacs Bozo, Eva; Borza, Istvan; Vago, Istvan; Bielak, Attila; Szendrei, Mrs. Gyorgyi Ignaczne; Keseru, Gyorgy

PA Richter Gedeon Vegyeszeti Gyar Rt., Hung.

SO PCT Int. Appl., 132 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003010159	A1	20030206	WO 2002-HU71	20020723 <--
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	HU 2002002213	A2	20040528	HU 2002-2213	20020710 <--
	HU 225905	B1	20071228		
	CA 2453383	A1	20030206	CA 2002-2453383	20020723 <--
	CA 2453383	C	20100406		

AU 2002313566	A1	20030217	AU 2002-313566	20020723 <--
AU 2002313566	B2	20070524		
EE 200400058	A	20040415	EE 2004-58	20020723 <--
EP 1409477	A1	20040421	EP 2002-753161	20020723 <--
EP 1409477	B1	20080917		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
BR 2002011393	A	20040817	BR 2002-11393	20020723 <--
CN 1556805	A	20041222	CN 2002-814234	20020723 <--
CN 100413860	C	20080827		
JP 2005515968	T	20050602	JP 2003-515518	20020723
JP 4322113	B2	20090826		
NZ 530055	A	20050729	NZ 2002-530055	20020723
AT 408611	T	20081015	AT 2002-753161	20020723
PT 1409477	E	20081120	PT 2002-753161	20020723
ES 2312603	T3	20090301	ES 2002-753161	20020723
IN 2003MN01120	A	20070504	IN 2003-MN1120	20031209
ZA 2004000417	A	20050518	ZA 2004-417	20040120
KR 890676	B1	20090326	KR 2004-701042	20040120
US 20040157886	A1	20040812	US 2004-761940	20040121 <--
US 7435744	B2	20081014		
NO 2004000307	A	20040323	NO 2004-307	20040123 <--
NO 327099	B1	20090420		
MX 2004000737	A	20040708	MX 2004-737	20040123 <--
IN 2004MN00076	A	20050429	IN 2004-MN76	20040203
BG 108592	A	20050331	BG 2004-108592	20040220
HR 2004000178	A2	20050430	HR 2004-178	20040223
HK 1063464	A1	20091113	HK 2004-106165	20040817
PRAI HU 2001-3055	A	20010724		
HU 2002-2213	A	20020710		
WO 2002-HU71	W	20020723		
IN 2003-MN1120	A3	20031209		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OS MARPAT 138:153539

OSC.G 11 THERE ARE 11 CAPLUS RECORDS THAT CITE THIS RECORD (17 CITINGS)

RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 4 OF 16 CAPLUS COPYRIGHT 2010 ACS on STN

AN 2002:695975 CAPLUS

DN 137:232913

TI Preparation of peptides for pharmaceutical use as modulators of melanocortin receptors

IN Yu, Guixue; Macor, John; Herpin, Timothy; Lawrence, R. Michael; Morton, George C.; Ruel, Rejean; Poindexter, Graham S.; Ruediger, Edward H.; Thibault, Carl

PA Bristol-Myers Squibb Company, USA

SO PCT Int. Appl., 107 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 3

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	WO 2002070511	A1	20020912	WO 2002-US6479	20020302 <--
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,				

CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,
 BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

CA 2437594	A1	20020912	CA 2002-2437594	20020302 <--
AU 2002254095	A1	20020919	AU 2002-254095	20020302 <--
EP 1363898	A1	20031126	EP 2002-723310	20020302 <--

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR

HU 2004001544	A2	20041228	HU 2004-1544	20020302 <--
JP 2005511475	T	20050428	JP 2002-569831	20020302
US 20030092732	A1	20030515	US 2002-90582	20020304 <--
US 6979691	B2	20051227		
US 20030096827	A1	20030522	US 2002-90288	20020304 <--
US 6713487	B2	20040330		
US 20040229882	A1	20041118	US 2003-696761	20031029 <--
US 7067525	B2	20060627		
US 20060025403	A1	20060202	US 2005-199464	20050808

PRAI US 2001-273206P P 20010302
 US 2001-273291P P 20010302
 WO 2002-US6479 W 20020302
 US 2002-90288 A3 20020304
 US 2002-90582 A3 20020304

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OS MARPAT 137:232913
 OSC.G 26 THERE ARE 26 CAPLUS RECORDS THAT CITE THIS RECORD (35 CITINGS)
 RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 5 OF 16 CAPLUS COPYRIGHT 2010 ACS on STN
 AN 2002:585090 CAPLUS
 DN 138:231272
 TI l-Cysteine based N-type calcium channel blockers: structure-activity
 relationships of the C-terminal lipophilic moiety, and oral analgesic
 efficacy in rat pain models
 AU Seko, Takuya; Kato, Masashi; Kohno, Hiroshi; Ono, Shizuka; Hashimura,
 Kazuya; Takenobu, Yoshifumi; Takimizu, Hideyuki; Nakai, Katsuhiko;
 Maegawa, Hitoshi; Katsube, Nobuo; Toda, Masaaki
 CS Minase Research Institute, Ono Pharmaceutical Co., Ltd., Shimamoto,
 Mishima, Osaka, 618-8585, Japan
 SO Bioorganic & Medicinal Chemistry Letters (2002), 12(17),
 2267-2269
 CODEN: BMCLE8; ISSN: 0960-894X
 PB Elsevier Science Ltd.
 DT Journal
 LA English
 OSC.G 16 THERE ARE 16 CAPLUS RECORDS THAT CITE THIS RECORD (16 CITINGS)
 RE.CNT 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 6 OF 16 CAPLUS COPYRIGHT 2010 ACS on STN
 AN 2001:463221 CAPLUS
 DN 135:61247
 TI Preparation of sulfonylaminomethylpiperidinylethylamines for antiobesity,
 antidiabetics, and antihypertensives
 IN Sato, Yoshinari; Itani, Hiromichi; Ito, Tatsunobu; Sakata, Yoshihiko;
 Hatakeyama, Yoshifumi; Ohashi, Hiroko
 PA Fujisawa Pharmaceutical Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 64 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 FAN.CNT 1
 PATENT NO. KIND DATE APPLICATION NO. DATE

PI JP 2001172257 A 20010626 JP 2000-302567 20001002 <--
PRAI JP 1999-284407 A 19991005
OS MARPAT 135:61247
OSC.G 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)

L10 ANSWER 7 OF 16 CAPLUS COPYRIGHT 2010 ACS on STN
AN 2000:530564 CAPLUS
DN 133:246807
TI Neuronal N-type calcium channel blockers: a series of 4-piperidinylaniline
analogs with analgesic activity
AU Hu, Lain-Yen; Ryder, Todd R.; Rafferty, Michael F.; Siebers, Krista M.;
Malone, Thomas; Chatterjee, Arindam; Feng, M. Rose; Lotarski, Susan M.;
Rock, David M.; Stoehr, Sally J.; Taylor, Charles P.; Weber, Mark L.;
Miljanich, George P.; Millerman, Elizabeth; Szoke, Balazs G.
CS Parke-Davis Pharmaceutical Research, Division of Warner-Lambert Company,
Ann Arbor, MI, 48105, USA
SO Drug Design and Discovery (2000), 17(1), 85-93
CODEN: DDDIEV; ISSN: 1055-9612
PB Harwood Academic Publishers
DT Journal
LA English
OSC.G 5 THERE ARE 5 CAPLUS RECORDS THAT CITE THIS RECORD (5 CITINGS)
RE.CNT 27 THERE ARE 27 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 8 OF 16 CAPLUS COPYRIGHT 2010 ACS on STN
AN 2000:487670 CAPLUS
DN 133:237817
TI Synthesis and biological activity of 4-aminopiperidine derivatives as
N-type calcium channel antagonists
AU Ryder, Todd R.; Hu, Lain-Yen; Rafferty, Michael F.; Feng, M. Rose;
Lotarski, Susan M.; Rock, David M.; Stoehr, Sally J.; Taylor, Charles P.;
Weber, Mark L.; Miljanich, George P.; Millerman, Elizabeth; Szoke, Balazs
G.
CS Department of Chemistry, Parke-Davis Pharmaceutical Research, Division Of
Warner-Lambert Company, Ann Arbor, MI, 48105, USA
SO Medicinal Chemistry Research (2000), 10(1), 11-18
CODEN: MCREEB; ISSN: 1054-2523
PB Birkhaeuser Boston
DT Journal
LA English
OSC.G 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)
RE.CNT 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 9 OF 16 CAPLUS COPYRIGHT 2010 ACS on STN
AN 2000:454818 CAPLUS
DN 133:171755
TI The discovery of [1-(4-dimethylamino-benzyl)-piperidin-4-yl]-[4-(3,3-
dimethylbutyl)-phenyl]-(3-methyl-but-2-enyl)-amine, an N-type Ca²⁺ channel
blocker with oral activity for analgesia
AU Hu, L.-Y.; Ryder, T. R.; Rafferty, M. F.; Taylor, C. P.; Feng, M. R.; Kuo,
B.-S.; Lotarski, S. M.; Miljanich, G. P.; Millerman, E.; Siebers, K. M.;
Szoke, B. G.
CS Department of Chemistry, Parke-Davis Pharmaceutical Research, Division of
Warner-Lambert Company, Ann Arbor, MI, 48105, USA
SO Bioorganic & Medicinal Chemistry (2000), 8(6), 1203-1212
CODEN: BMECEP; ISSN: 0968-0896
PB Elsevier Science Ltd.
DT Journal
LA English

OSC.G 26 THERE ARE 26 CAPLUS RECORDS THAT CITE THIS RECORD (26 CITINGS)
 RE.CNT 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 10 OF 16 CAPLUS COPYRIGHT 2010 ACS on STN
 AN 2000:15173 CAPLUS
 DN 132:64526
 TI Preparation of amino acid derivatives as N type calcium channel inhibitors
 IN Seko, Takuya; Kato, Masashi
 PA Ono Pharmaceutical Co., Ltd., Japan
 SO PCT Int. Appl., 237 pp.
 CODEN: PIXXD2
 DT Patent
 LA Japanese
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000000470	A1	20000106	WO 1999-JP3409	19990625 <--
	W: AU, BR, CA, CN, HU, JP, KR, MX, NO, NZ, RU, TR, US, ZA				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	TW 245035	B	20051211	TW 1999-88110612	19990624
	CA 2336162	A1	20000106	CA 1999-2336162	19990625 <--
	AU 9945315	A	20000117	AU 1999-45315	19990625 <--
	AU 759488	B2	20030417		
	EP 1090912	A1	20010411	EP 1999-928205	19990625 <--
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI				
	TR 2001000298	T2	20010621	TR 2001-298	19990625 <--
	BR 9911515	A	20020122	BR 1999-11515	19990625 <--
	HU 2001002369	A2	20020429	HU 2001-2369	19990625 <--
	HU 2001002369	A3	20020528		
	RU 2211830	C2	20030910	RU 2000-132729	19990625 <--
	NZ 508757	A	20040227	NZ 1999-508757	19990625 <--
	JP 3620644	B2	20050216	JP 2000-557231	19990625
	CN 1269801	C	20060816	CN 1999-810097	19990625
	ZA 2000007415	A	20020402	ZA 2000-7415	20001212 <--
	MX 2000012599	A	20010405	MX 2000-12599	20001215 <--
	NO 2000006646	A	20010226	NO 2000-6646	20001222 <--
	US 6605608	B1	20030812	US 2000-720433	20001222 <--
	US 20030232806	A1	20031218	US 2003-429793	20030506 <--
	US 7351721	B2	20080401		
	JP 2005068152	A	20050317	JP 2004-252307	20040831
	JP 4214524	B2	20090128		
PRAI	JP 1998-195125	A	19980626		
	JP 2000-557231	A3	19990625		
	WO 1999-JP3409	W	19990625		
	US 2000-720433	A3	20001222		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OS MARPAT 132:64526
 OSC.G 6 THERE ARE 6 CAPLUS RECORDS THAT CITE THIS RECORD (12 CITINGS)
 RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 11 OF 16 CAPLUS COPYRIGHT 2010 ACS on STN
 AN 1999:589098 CAPLUS
 DN 131:331730
 TI Synthesis of a Series of 4-Benzylloxylaniline Analogs as Neuronal N-Type Calcium Channel Blockers with Improved Anticonvulsant and Analgesic Properties
 AU Hu, Lain-Yen; Ryder, Todd R.; Rafferty, Michael F.; Feng, M. Rose; Lotarski, Susan M.; Rock, David M.; Sinz, Michael; Stoeher, Sally J.; Taylor, Charles P.; Weber, Mark L.; Bowersox, S. Scott; Miljanich, George

P.; Millerman, Elizabeth; Wang, Yong-Xiang; Szoke, Balazs G.
 CS Departments of Chemistry Neuroscience Therapeutics and Pharmacokinetics
 Dynamics and Metabolism, Parke-Davis Pharmaceutical Research Division of
 Warner-Lambert Company, Ann Arbor, MI, 48105, USA
 SO Journal of Medicinal Chemistry (1999), 42(20), 4239-4249
 CODEN: JMCMAR; ISSN: 0022-2623
 PB American Chemical Society
 DT Journal
 LA English
 OSC.G 32 THERE ARE 32 CAPLUS RECORDS THAT CITE THIS RECORD (33 CITINGS)
 RE.CNT 48 THERE ARE 48 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 12 OF 16 CAPLUS COPYRIGHT 2010 ACS on STN
 AN 1999:571302 CAPLUS
 DN 131:295124
 TI Structure-activity relationship at the proximal phenyl group in a series
 of non-peptidyl N-type calcium channel antagonists
 AU Ryder, Todd R.; Hu, Lain-Yen; Rafferty, Michael F.; Lotarski, Susan M.;
 Rock, David M.; Stoehr, Sally J.; Taylor, Charles P.; Weber, Mark L.;
 Miljanich, George P.; Millerman, Elizabeth; Szoke, Balazs G.
 CS Department of Chemistry, Parke-Davis Pharmaceutical Research, Division Of
 Warner-Lambert Company, Ann Arbor, MI, 48105, USA
 SO Bioorganic & Medicinal Chemistry Letters (1999), 9(16),
 2453-2458
 CODEN: BMCLE8; ISSN: 0960-894X
 PB Elsevier Science Ltd.
 DT Journal
 LA English
 OSC.G 13 THERE ARE 13 CAPLUS RECORDS THAT CITE THIS RECORD (13 CITINGS)
 RE.CNT 18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 13 OF 16 CAPLUS COPYRIGHT 2010 ACS on STN
 AN 1999:126886 CAPLUS
 DN 130:196584
 TI Preparation of aniline derivatives as calcium channel blockers
 IN Hu, Lain-Yen; Rafferty, Michael Francis; Ryder, Todd Robert
 PA Warner-Lambert Company, USA
 SO PCT Int. Appl., 137 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9907689	A1	19990218	WO 1998-US15907	19980729 <--
	W: AL, AU, BA, BB, BG, BR, CA, CN, CZ, EE, GE, HR, HU, ID, IL, IS, JP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, SL, TR, TT, UA, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	AU 9887627	A	19990301	AU 1998-87627	19980729 <--
	ZA 9807144	A	19990510	ZA 1998-7144	19980807 <--
	US 6251918	B1	20010626	US 1999-402196	19990929 <--
	US 20010023249	A1	20010920	US 2001-769798	20010125 <--
	US 6495715	B2	20021217		
	US 20030060632	A1	20030327	US 2002-252854	20020923 <--
PRAI	US 1997-55251P	P	19970811		
	US 1998-82358P	P	19980420		

WO 1998-US15907 W 19980729
 US 1999-402196 A3 19990929
 US 2001-769798 A3 20010125
 OS MARPAT 130:196584
 OSC.G 5 THERE ARE 5 CAPLUS RECORDS THAT CITE THIS RECORD (7 CITINGS)
 RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 14 OF 16 CAPLUS COPYRIGHT 2010 ACS on STN

AN 1997:94071 CAPLUS

DN 126:104431

OREF 126:20165a,20168a

TI Preparation of heterocyclic dipeptide derivatives which promote release of growth hormone

IN Carpino, Philip A.; Jardine DaSilva, Paul A.; Lefker, Bruce A.; Ragan, John A.

PA Pfizer Inc., USA

SO PCT Int. Appl., 173 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9638471	A1	19961205	WO 1995-IB410	19950529 <--
	W: CA, FI, JP, MX, US				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	CA 2220055	A1	19961205	CA 1995-2220055	19950529 <--
	CA 2220055	C	20010424		
	EP 828754	A1	19980318	EP 1995-918123	19950529 <--
	EP 828754	B1	20050202		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE				
	JP 10510511	T	19981013	JP 1995-511175	19950529 <--
	JP 3133073	B2	20010205	JP 1996-511175	19950529 <--
	AT 288444	T	20050215	AT 1995-918123	19950529
	ES 2235171	T3	20050701	ES 1995-918123	19950529
	NO 9602162	A	19961202	NO 1996-2162	19960528 <--
	AU 9654554	A	19961212	AU 1996-54554	19960528 <--
	CN 1143647	A	19970226	CN 1996-107637	19960528 <--
	US 5936089	A	19990810	US 1997-973268	19971126 <--
	FI 9704368	A	19971128	FI 1997-4368	19971128 <--
PRAI	WO 1995-IB333	A	19950508		
	WO 1995-IB410	W	19950529		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OS MARPAT 126:104431

OSC.G 20 THERE ARE 20 CAPLUS RECORDS THAT CITE THIS RECORD (45 CITINGS)

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 15 OF 16 CAPLUS COPYRIGHT 2010 ACS on STN

AN 1997:26293 CAPLUS

DN 126:60362

OREF 126:11861a

TI Preparation of heterocyclic dipeptide derivatives which promote release of growth hormone

IN Carpino, Philip A.; Jardine DaSilva, Paul A.; Lefker, Bruce A.; Ragan, John A.

PA Pfizer, Inc., USA

SO PCT Int. Appl., 158 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9635713	A1	19961114	WO 1995-IB333	19950508 <--
	W: CA, FI, JP, MX, US				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	AU 9654554	A	19961212	AU 1996-54554	19960528 <--
PRAI	WO 1995-IB333	A	19950508		
	WO 1995-IB410	A	19950529		
OS	MARPAT 126:60362				
OSC.G	13	THERE ARE 13 CAPLUS RECORDS THAT CITE THIS RECORD (16 CITINGS)			
RE.CNT	2	THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD			
	ALL CITATIONS AVAILABLE IN THE RE FORMAT				

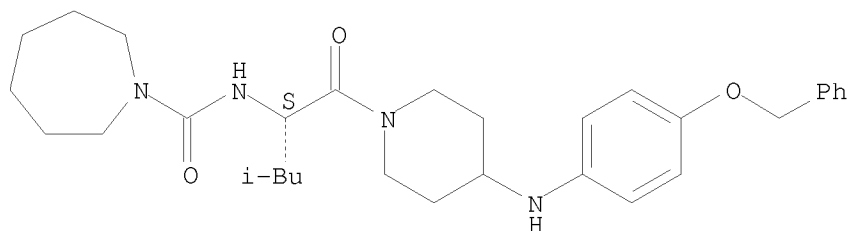
L10 ANSWER 16 OF 16 CAPLUS COPYRIGHT 2010 ACS on STN
 AN 1983:161161 CAPLUS
 DN 98:161161
 OREF 98:24471a,24474a
 TI Synthesis and evaluation of 1- and 2-substituted fentanyl analogs for opioid activity
 AU Essawi, Mohamed Y. H.; Portoghese, Philip S.
 CS Coll. Pharm., Univ. Minnesota, Minneapolis, MN, 55455, USA
 SO Journal of Medicinal Chemistry (1983), 26(3), 348-52
 CODEN: JMCMAR; ISSN: 0022-2623
 DT Journal
 LA English
 OSC.G 12 THERE ARE 12 CAPLUS RECORDS THAT CITE THIS RECORD (12 CITINGS)

=> s 18 and py<=2004
 3 L8
 25158174 PY<=2004
 L11 0 L8 AND PY<=2004

=> d l10 ibib hitstr

L10 ANSWER 1 OF 16 CAPLUS COPYRIGHT 2010 ACS on STN
 ACCESSION NUMBER: 2008:1383655 CAPLUS
 DOCUMENT NUMBER: 149:575982
 TITLE: Reductive aminations of carbonyl compounds with borohydride and borane reducing agents
 AUTHOR(S): Baxter, Ellen W.; Reitz, Allen B.
 CORPORATE SOURCE: The R. W. Johnson Pharmaceutical Research Institute, Spring House, PA, USA
 SOURCE: Organic Reactions (Hoboken, NJ, United States) (2002), 59, No pp. given
 CODEN: ORHNBA
 URL: <http://www3.interscience.wiley.com/cgi-bin/mrwhome/107610747/HOME>
 PUBLISHER: John Wiley & Sons, Inc.
 DOCUMENT TYPE: Journal; General Review; (online computer file)
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 149:575982
 IT 220737-64-4 220737-77-9 1071134-10-5
 1071208-15-5
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (Reductive Aminations of Carbonyl Compds. with Borohydride and Borane Reducing Agents)
 RN 220737-64-4 CAPLUS
 CN 1H-Azepine-1-carboxamide, hexahydro-N-[(1S)-3-methyl-1-[[4-[[4-(phenylmethoxy)phenyl]amino]-1-piperidinyl]carbonyl]butyl]- (CA INDEX NAME)

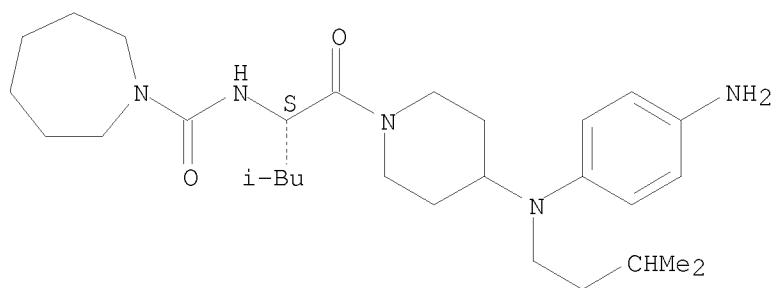
Absolute stereochemistry.



RN 220737-77-9 CAPLUS

CN 1H-Azepine-1-carboxamide, N-[(1S)-1-[[4-[(4-aminophenyl)(3-methylbutyl)amino]-1-piperidinyl]carbonyl]-3-methylbutyl]hexahydro- (CA INDEX NAME)

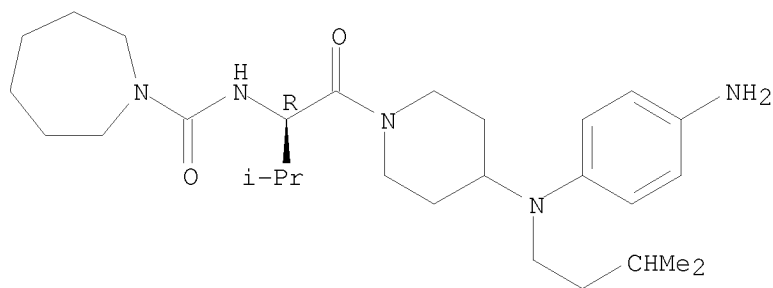
Absolute stereochemistry.



RN 1071134-10-5 CAPLUS

CN 1H-Azepine-1-carboxamide, N-[(1R)-1-[[4-[(4-aminophenyl)(3-methylbutyl)amino]-1-piperidinyl]carbonyl]-2-methylpropyl]hexahydro- (CA INDEX NAME)

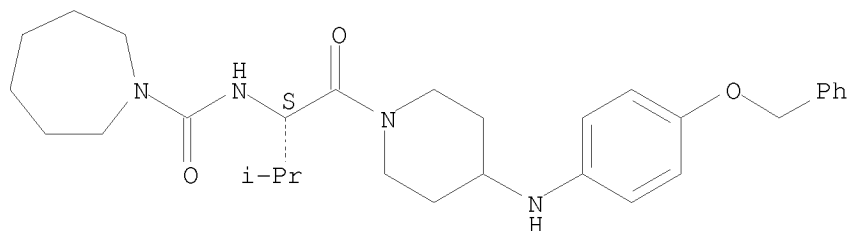
Absolute stereochemistry.



RN 1071208-15-5 CAPLUS

CN 1H-Azepine-1-carboxamide, hexahydro-N-[(1S)-2-methyl-1-[[4-[(4-aminophenyl)(3-methylbutyl)amino]-1-piperidinyl]carbonyl]propyl]- (CA INDEX NAME)

Absolute stereochemistry.



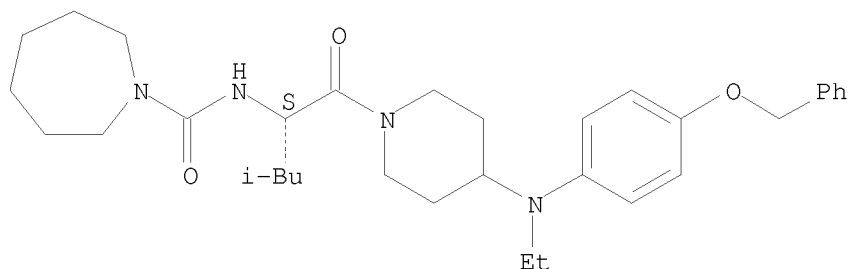
IT 220737-67-7P 220737-84-8P 220737-89-3P
 247116-69-4P 1071134-38-7P 1071135-51-7P
 1071137-31-9P 1071200-37-7P 1071204-10-8P
 1071208-55-3P 1071219-39-0P

RL: SPN (Synthetic preparation); PREP (Preparation)
 (Reductive Aminations of Carbonyl Compds. with Borohydride and Borane
 Reducing Agents)

RN 220737-67-7 CAPLUS

CN 1H-Azepine-1-carboxamide, N-[(1S)-1-[[4-[ethyl[4-(phenylmethoxy)phenyl]amino]-1-piperidinyl]carbonyl]-3-methylbutyl]hexahydro- (CA INDEX NAME)

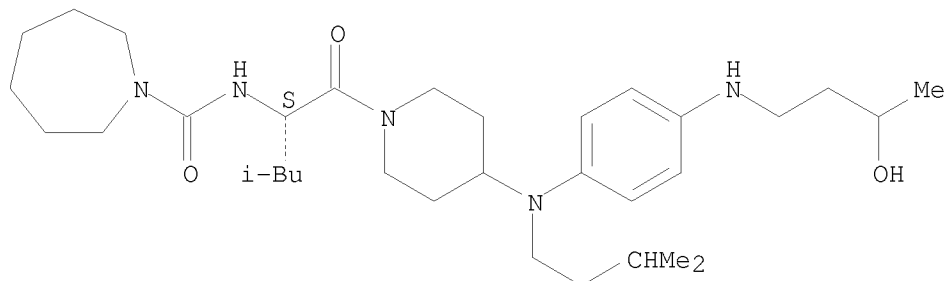
Absolute stereochemistry.



RN 220737-84-8 CAPLUS

CN 1H-Azepine-1-carboxamide, hexahydro-N-[(1S)-1-[[4-[[4-[(3-hydroxybutyl)amino]phenyl](3-methylbutyl)amino]-1-piperidinyl]carbonyl]-3-methylbutyl]- (CA INDEX NAME)

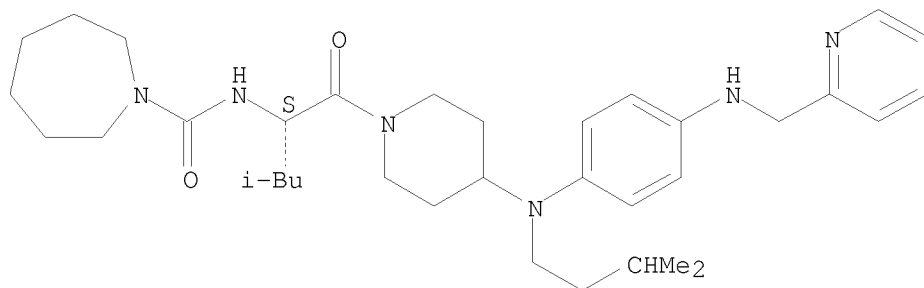
Absolute stereochemistry.



RN 220737-89-3 CAPLUS

CN 1H-Azepine-1-carboxamide, hexahydro-N-[(1S)-3-methyl-1-[[4-[(3-methylbutyl)[4-[(2-pyridinylmethyl)amino]phenyl]amino]-1-piperidinyl]carbonyl]butyl]- (CA INDEX NAME)

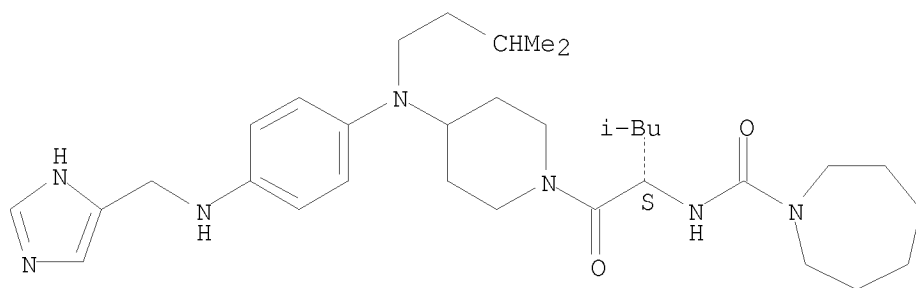
Absolute stereochemistry.



RN 247116-69-4 CAPLUS

CN 1H-Azepine-1-carboxamide, hexahydro-N-[(1S)-1-[[4-[[4-[(1H-imidazol-5-ylmethyl)amino]phenyl](3-methylbutyl)amino]-1-piperidinyl]carbonyl]-3-methylbutyl]- (CA INDEX NAME)

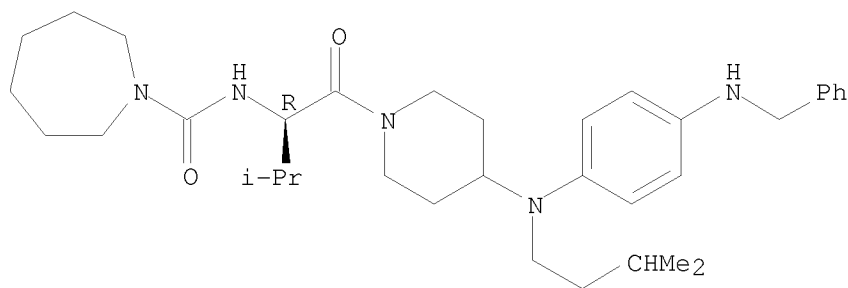
Absolute stereochemistry.



RN 1071134-38-7 CAPLUS

CN 1H-Azepine-1-carboxamide, hexahydro-N-[(1R)-2-methyl-1-[[4-[(3-methylbutyl)[4-[(phenylmethyl)amino]phenyl]amino]-1-piperidinyl]carbonyl]propyl]- (CA INDEX NAME)

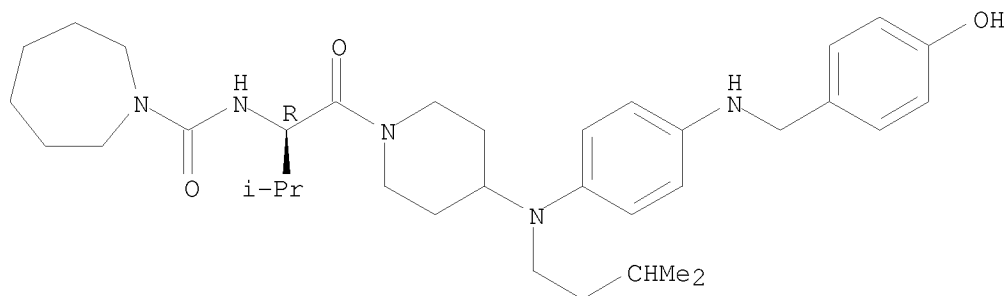
Absolute stereochemistry.



RN 1071135-51-7 CAPLUS

CN 1H-Azepine-1-carboxamide, hexahydro-N-[(1R)-1-[[4-[[4-[(4-hydroxyphenyl)methyl]amino]phenyl](3-methylbutyl)amino]-1-piperidinyl]carbonyl]-2-methylpropyl]- (CA INDEX NAME)

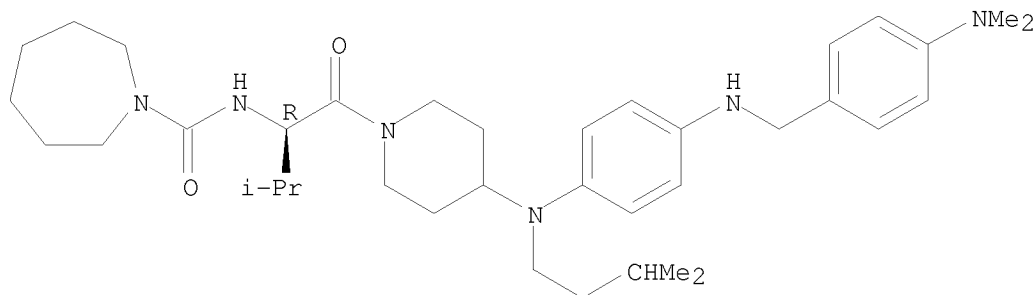
Absolute stereochemistry.



RN 1071137-31-9 CAPLUS

CN 1H-Azepine-1-carboxamide, N-[(1R)-1-[[4-[[4-[[4-(dimethylamino)phenyl]methyl]amino]phenyl](3-methylbutyl)amino]-1-piperidinyl]carbonyl]-2-methylpropyl]hexahydro- (CA INDEX NAME)

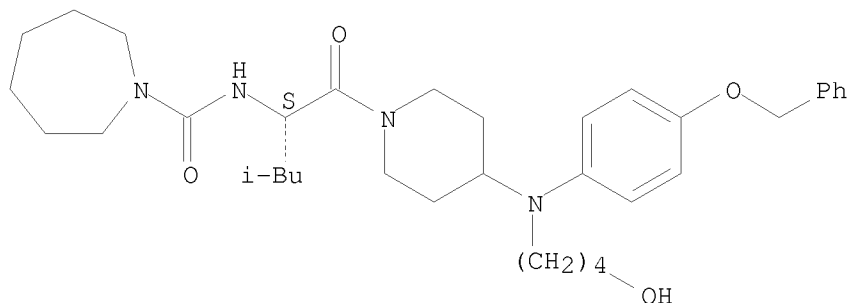
Absolute stereochemistry.



RN 1071200-37-7 CAPLUS

CN 1H-Azepine-1-carboxamide, hexahydro-N-[(1S)-1-[[4-[(4-hydroxybutyl)[4-(phenylmethoxy)phenyl]amino]-1-piperidinyl]carbonyl]-3-methylbutyl]- (CA INDEX NAME)

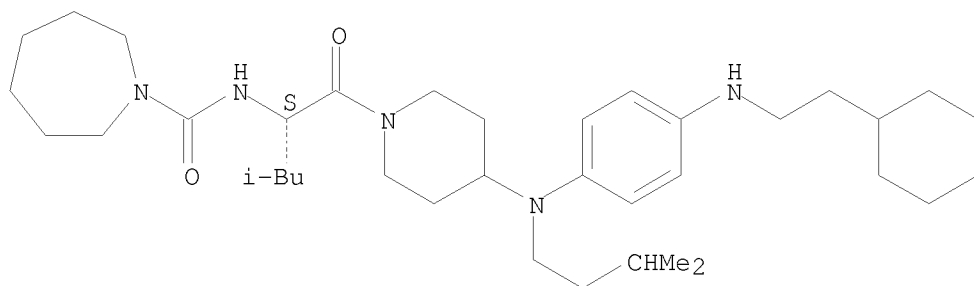
Absolute stereochemistry.



RN 1071204-10-8 CAPLUS

CN 1H-Azepine-1-carboxamide, N-[(1S)-1-[[4-[[4-[(2-cyclohexylethyl)amino]phenyl](3-methylbutyl)amino]-1-piperidinyl]carbonyl]-3-methylbutyl]hexahydro- (CA INDEX NAME)

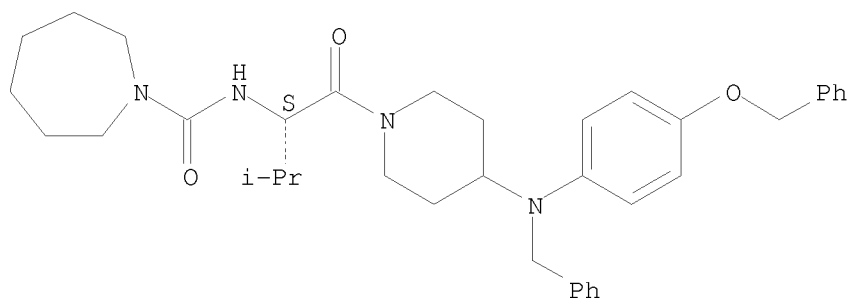
Absolute stereochemistry.



RN 1071208-55-3 CAPLUS

CN 1H-Azepine-1-carboxamide, hexahydro-N-[(1S)-2-methyl-1-[[4-[[4-(phenylmethoxy)phenyl](phenylmethyl)amino]-1-piperidinyl]carbonyl]propyl]- (CA INDEX NAME)

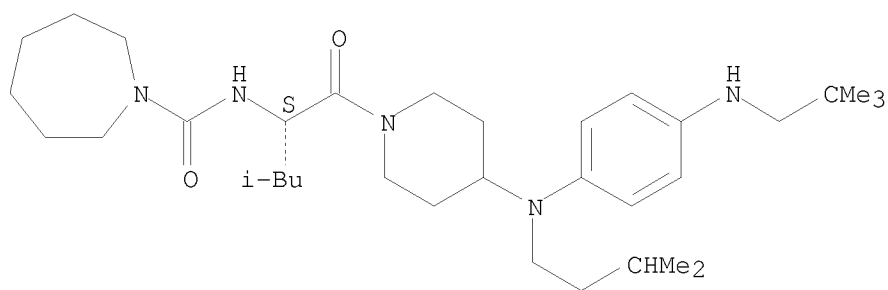
Absolute stereochemistry.



RN 1071219-39-0 CAPLUS

CN 1H-Azepine-1-carboxamide, N-[(1S)-1-[[4-[[4-(2,2-dimethylpropyl)amino]phenyl](3-methylbutyl)amino]-1-piperidinyl]carbonyl]-3-methylbutyl]-hexahydro- (CA INDEX NAME)

Absolute stereochemistry.



=> d l10 2-16 ibib fhitr

L10 ANSWER 2 OF 16 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2003:633456 CAPLUS

DOCUMENT NUMBER: 139:154954

TITLE: Medicinal compositions containing gabapentin or pregabalin and N-type calcium channel antagonist

INVENTOR(S): Iwayama, Satoshi; Koganei, Hajime; Fujita, Shinichi; Takeda, Tomoko; Yamamoto, Hiroshi; Niwa, Seiji

PATENT ASSIGNEE(S): Ajinomoto Co., Inc., Japan
 SOURCE: PCT Int. Appl., 154 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003066040	A1	20030814	WO 2003-JP1163	20030205 <--
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2003207219	A1	20030902	AU 2003-207219	20030205 <--
EP 1481673	A1	20041201	EP 2003-703174	20030205 <--
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
JP 4428053	B2	20100310	JP 2003-565464	20030205
US 20050009814	A1	20050113	US 2004-911633	20040805
US 7713957	B2	20100511		
JP 2010031029	A	20100212	JP 2009-230269	20091002
PRIORITY APPLN. INFO.:				
			JP 2002-28208	A 20020205
			JP 2002-111068	A 20020412
			JP 2002-317480	A 20021031
			JP 2003-565464	A3 20030205
			WO 2003-JP1163	W 20030205

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S): MARPAT 139:154954

IT 250237-01-5

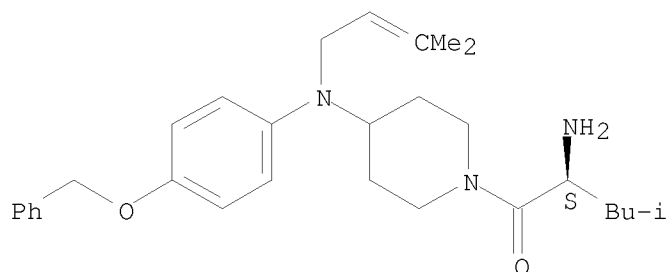
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL
 (Biological study); USES (Uses)

(medicinal compns. containing gabapentin or pregabalin and N-type calcium
 channel antagonist)

RN 250237-01-5 CAPLUS

CN 1-Pentanone, 2-amino-4-methyl-1-[4-[(3-methyl-2-buten-1-yl)[4-
 (phenylmethoxy)phenyl]amino]-1-piperidiny]-, (2S)- (CA INDEX NAME)

Absolute stereochemistry.



OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD
 (2 CITINGS)

REFERENCE COUNT: 32 THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 3 OF 16 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2003:97412 CAPLUS

DOCUMENT NUMBER: 138:153539

TITLE: Preparation of 2-(piperidin-1-yl)acetamides as NMDA receptor antagonists

INVENTOR(S): Domany, Gyoergy; Horvath, Csilla; Farkas, Sandor; Barta Szalai, Gisella; Nagy, Jozsef; Kolok, Sandor; Kovacs Bozo, Eva; Borza, Istvan; Vago, Istvan; Bielik, Attila; Szendrei, Mrs. Gyorgyi Ignaczne; Keseru, Gyorgy

PATENT ASSIGNEE(S): Richter Gedeon Vegyeszeti Gyar Rt., Hung.

SOURCE: PCT Int. Appl., 132 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003010159	A1	20030206	WO 2002-HU71	20020723 <--
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
HU 2002002213	A2	20040528	HU 2002-2213	20020710 <--
HU 225905	B1	20071228		
CA 2453383	A1	20030206	CA 2002-2453383	20020723 <--
CA 2453383	C	20100406		
AU 2002313566	A1	20030217	AU 2002-313566	20020723 <--
AU 2002313566	B2	20070524		
EE 200400058	A	20040415	EE 2004-58	20020723 <--
EP 1409477	A1	20040421	EP 2002-753161	20020723 <--
EP 1409477	B1	20080917		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
BR 2002011393	A	20040817	BR 2002-11393	20020723 <--
CN 1556805	A	20041222	CN 2002-814234	20020723 <--
CN 100413860	C	20080827		
JP 2005515968	T	20050602	JP 2003-515518	20020723
JP 4322113	B2	20090826		
NZ 530055	A	20050729	NZ 2002-530055	20020723
AT 408611	T	20081015	AT 2002-753161	20020723
PT 1409477	E	20081120	PT 2002-753161	20020723
ES 2312603	T3	20090301	ES 2002-753161	20020723
IN 2003MN01120	A	20070504	IN 2003-MN1120	20031209
ZA 2004000417	A	20050518	ZA 2004-417	20040120
KR 890676	B1	20090326	KR 2004-701042	20040120
US 20040157886	A1	20040812	US 2004-761940	20040121 <--
US 7435744	B2	20081014		
NO 2004000307	A	20040323	NO 2004-307	20040123 <--
NO 327099	B1	20090420		
MX 2004000737	A	20040708	MX 2004-737	20040123 <--
IN 2004MN00076	A	20050429	IN 2004-MN76	20040203

BG 108592	A	20050331	BG 2004-108592	20040220
HR 2004000178	A2	20050430	HR 2004-178	20040223
HK 1063464	A1	20091113	HK 2004-106165	20040817
PRIORITY APPLN. INFO.:			HU 2001-3055	A 20010724
			HU 2002-2213	A 20020710
			WO 2002-HU71	W 20020723
			IN 2003-MN1120	A3 20031209

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S): MARPAT 138:153539

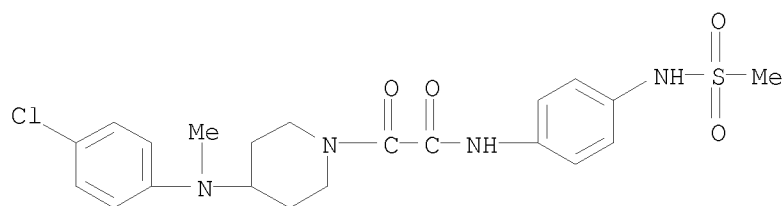
IT 496058-31-2P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(NMDA receptor antagonist; preparation of piperidinylacetamides by coupling reactions as NMDA receptor antagonists)

RN 496058-31-2 CAPLUS

CN 1-Piperidineacetamide, 4-[(4-chlorophenyl)methylamino]-N-[4-[(methylsulfonyl)amino]phenyl]- α -oxo- (CA INDEX NAME)



OS.CITING REF COUNT: 11 THERE ARE 11 CAPLUS RECORDS THAT CITE THIS RECORD (17 CITINGS)

REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 4 OF 16 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2002:695975 CAPLUS

DOCUMENT NUMBER: 137:232913

TITLE: Preparation of peptides for pharmaceutical use as modulators of melanocortin receptors

INVENTOR(S): Yu, Guixue; Macor, John; Herpin, Timothy; Lawrence, R. Michael; Morton, George C.; Ruel, Rejean; Poindexter, Graham S.; Ruediger, Edward H.; Thibault, Carl

PATENT ASSIGNEE(S): Bristol-Myers Squibb Company, USA

SOURCE: PCT Int. Appl., 107 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 3

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 2002070511	A1	20020912	WO 2002-US6479	20020302 <--
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

CA 2437594	A1	20020912	CA 2002-2437594	20020302 <--
AU 2002254095	A1	20020919	AU 2002-254095	20020302 <--
EP 1363898	A1	20031126	EP 2002-723310	20020302 <--
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
HU 2004001544	A2	20041228	HU 2004-1544	20020302 <--
JP 2005511475	T	20050428	JP 2002-569831	20020302
US 20030092732	A1	20030515	US 2002-90582	20020304 <--
US 6979691	B2	20051227		
US 20030096827	A1	20030522	US 2002-90288	20020304 <--
US 6713487	B2	20040330		
US 20040229882	A1	20041118	US 2003-696761	20031029 <--
US 7067525	B2	20060627		
US 20060025403	A1	20060202	US 2005-199464	20050808
PRIORITY APPLN. INFO.:			US 2001-273206P	P 20010302
			US 2001-273291P	P 20010302
			WO 2002-US6479	W 20020302
			US 2002-90288	A3 20020304
			US 2002-90582	A3 20020304

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S): MARPAT 137:232913

IT 457903-95-6P

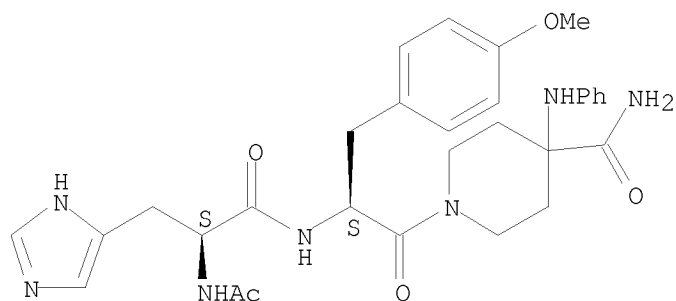
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of peptides for pharmaceutical use as modulators of melanocortin receptors)

RN 457903-95-6 CAPLUS

CN 4-Piperidinecarboxamide, 1-[(2S)-2-[[(2S)-2-(acetylamino)-3-(1H-imidazol-5-yl)-1-oxopropyl]amino]-3-(4-methoxyphenyl)-1-oxopropyl]-4-(phenylamino)-(CA INDEX NAME)

Absolute stereochemistry.



OS.CITING REF COUNT: 26 THERE ARE 26 CAPLUS RECORDS THAT CITE THIS RECORD (35 CITINGS)

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 5 OF 16 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2002:585090 CAPLUS

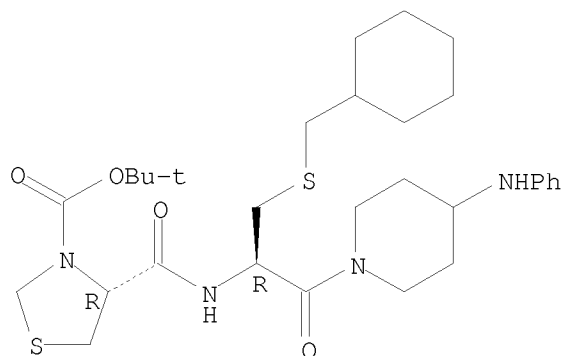
DOCUMENT NUMBER: 138:231272

TITLE: l-Cysteine based N-type calcium channel blockers: structure-activity relationships of the C-terminal lipophilic moiety, and oral analgesic efficacy in rat pain models

AUTHOR(S): Seko, Takuya; Kato, Masashi; Kohno, Hiroshi; Ono, Shizuka; Hashimura, Kazuya; Takenobu, Yoshifumi; Takimizu, Hideyuki; Nakai, Katsuhiko; Maegawa,

CORPORATE SOURCE: Hitoshi; Katsube, Nobuo; Toda, Masaaki
 SOURCE: Minase Research Institute, Ono Pharmaceutical Co.,
 Ltd., Shimamoto, Mishima, Osaka, 618-8585, Japan
 Bioorganic & Medicinal Chemistry Letters (2002
), 12(17), 2267-2269
 CODEN: BMCLE8; ISSN: 0960-894X
 PUBLISHER: Elsevier Science Ltd.
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 IT 253306-59-1
 RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL
 (Biological study); USES (Uses)
 (structure-activity relationship and oral analgesic efficacy of
 L-Cysteine based N-type calcium channel blockers in rat pain models)
 RN 253306-59-1 CAPLUS
 CN 3-Thiazolidinecarboxylic acid, 4-[[[(1R)-1-
 [(cyclohexylmethyl)thio]methyl]-2-oxo-2-[4-(phenylamino)-1-
 piperidinyl]ethyl]amino]carbonyl]-, 1,1-dimethylethyl ester, (4R)- (9CI)
 (CA INDEX NAME)

Absolute stereochemistry.



OS.CITING REF COUNT: 16 THERE ARE 16 CAPLUS RECORDS THAT CITE THIS
 RECORD (16 CITINGS)
 REFERENCE COUNT: 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 6 OF 16 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2001:463221 CAPLUS

DOCUMENT NUMBER: 135:61247

TITLE: Preparation of
 sulfonylaminomethylpiperidinyethylamines for
 antiobesity, antidiabetics, and antihypertensives
 INVENTOR(S): Sato, Yoshinari; Itani, Hiromichi; Ito, Tatsunobu;
 Sakata, Yoshihiko; Hatakeyama, Yoshifumi; Ohashi,
 Hiroko

PATENT ASSIGNEE(S): Fujisawa Pharmaceutical Co., Ltd., Japan

SOURCE: Jpn. Kokai Tokkyo Koho, 64 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent

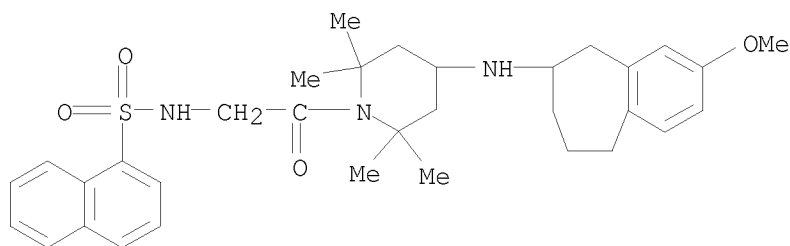
LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2001172257	A	20010626	JP 2000-302567	20001002 <--

PRIORITY APPLN. INFO.: JP 1999-284407 A 19991005
 OTHER SOURCE(S): MARPAT 135:61247
 IT 345956-17-4P
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (preparation of sulfonylaminomethylpiperidinylethylamines for antiobesity, antidiabetics, and antihypertensives)
 RN 345956-17-4 CAPLUS
 CN 1-Naphthalenesulfonamide, N-[2-oxo-2-[2,2,6,6-tetramethyl-4-[(6,7,8,9-tetrahydro-3-methoxy-5H-benzocyclohepten-6-yl)amino]-1-piperidinyl]ethyl]- (CA INDEX NAME)



OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)

L10 ANSWER 7 OF 16 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2000:530564 CAPLUS

DOCUMENT NUMBER: 133:246807

TITLE: Neuronal N-type calcium channel blockers: a series of 4-piperidinylaniline analogs with analgesic activity

AUTHOR(S): Hu, Lain-Yen; Ryder, Todd R.; Rafferty, Michael F.; Siebers, Krista M.; Malone, Thomas; Chatterjee, Arindam; Feng, M. Rose; Lotarski, Susan M.; Rock, David M.; Stoehr, Sally J.; Taylor, Charles P.; Weber, Mark L.; Miljanich, George P.; Millerman, Elizabeth; Szoke, Balazs G.

CORPORATE SOURCE: Parke-Davis Pharmaceutical Research, Division of Warner-Lambert Company, Ann Arbor, MI, 48105, USA

SOURCE: Drug Design and Discovery (2000), 17(1), 85-93

CODEN: DDDIEV; ISSN: 1055-9612

PUBLISHER: Harwood Academic Publishers

DOCUMENT TYPE: Journal

LANGUAGE: English

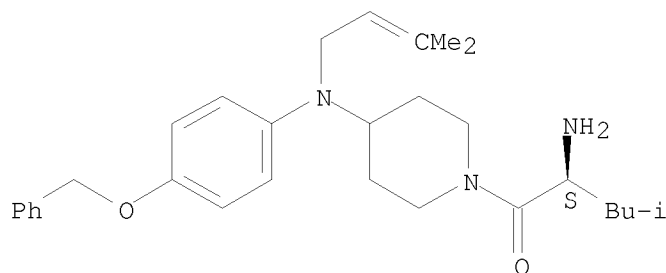
IT 250237-01-5P

RL: BAC (Biological activity or effector, except adverse); BPR (Biological process); BSU (Biological study, unclassified); PRP (Properties); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); PROC (Process); USES (Uses)
 (design, synthesis, SAR studies of 4-piperidinylaniline analogs with analgesic activity)

RN 250237-01-5 CAPLUS

CN 1-Pentanone, 2-amino-4-methyl-1-[4-[(3-methyl-2-buten-1-yl)[4-(phenylmethoxy)phenyl]amino]-1-piperidinyl]-, (2S)- (CA INDEX NAME)

Absolute stereochemistry.



OS.CITING REF COUNT: 5 THERE ARE 5 CAPLUS RECORDS THAT CITE THIS RECORD (5 CITINGS)

REFERENCE COUNT: 27 THERE ARE 27 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 8 OF 16 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2000:487670 CAPLUS

DOCUMENT NUMBER: 133:237817

TITLE: Synthesis and biological activity of 4-aminopiperidine derivatives as N-type calcium channel antagonists

AUTHOR(S): Ryder, Todd R.; Hu, Lain-Yen; Rafferty, Michael F.; Feng, M. Rose; Lotarski, Susan M.; Rock, David M.; Stoehr, Sally J.; Taylor, Charles P.; Weber, Mark L.; Miljanich, George P.; Millerman, Elizabeth; Szoke, Balazs G.

CORPORATE SOURCE: Department of Chemistry, Parke-Davis Pharmaceutical Research, Division Of Warner-Lambert Company, Ann Arbor, MI, 48105, USA

SOURCE: Medicinal Chemistry Research (2000), 10(1), 11-18

CODEN: MCREEB; ISSN: 1054-2523

PUBLISHER: Birkhaeuser Boston

DOCUMENT TYPE: Journal

LANGUAGE: English

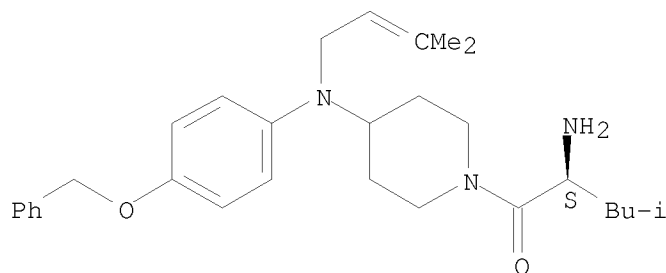
IT 250237-01-5P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(synthesis and biol. activity of aminopiperidine derivs. as N-type calcium channel antagonists)

RN 250237-01-5 CAPLUS

CN 1-Pentanone, 2-amino-4-methyl-1-[4-[(3-methyl-2-buten-1-yl)[4-(phenylmethoxy)phenyl]amino]-1-piperidinyl]-, (2S)- (CA INDEX NAME)

Absolute stereochemistry.

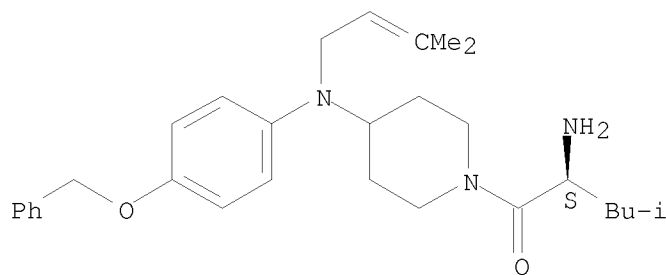


OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD

(1 CITINGS)
REFERENCE COUNT: 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 9 OF 16 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2000:454818 CAPLUS
DOCUMENT NUMBER: 133:171755
TITLE: The discovery of
[1-(4-dimethylamino-benzyl)-piperidin-4-yl]-[4-(3,3-dimethylbutyl)-phenyl]-(3-methyl-but-2-enyl)-amine, an N-type Ca²⁺ channel blocker with oral activity for analgesia
AUTHOR(S): Hu, L.-Y.; Ryder, T. R.; Rafferty, M. F.; Taylor, C. P.; Feng, M. R.; Kuo, B.-S.; Lotarski, S. M.; Miljanich, G. P.; Millerman, E.; Siebers, K. M.; Szoke, B. G.
CORPORATE SOURCE: Department of Chemistry, Parke-Davis Pharmaceutical Research, Division of Warner-Lambert Company, Ann Arbor, MI, 48105, USA
SOURCE: Bioorganic & Medicinal Chemistry (2000), 8(6), 1203-1212
CODEN: BMECEP; ISSN: 0968-0896
PUBLISHER: Elsevier Science Ltd.
DOCUMENT TYPE: Journal
LANGUAGE: English
IT 250237-01-5P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of piperidinylanilines as calcium channel blockers and analgesics)
RN 250237-01-5 CAPLUS
CN 1-Pentanone, 2-amino-4-methyl-1-[4-[(3-methyl-2-buten-1-yl)[4-(phenylmethoxy)phenyl]amino]-1-piperidinyl]-, (2S)- (CA INDEX NAME)

Absolute stereochemistry.



OS.CITING REF COUNT: 26 THERE ARE 26 CAPLUS RECORDS THAT CITE THIS RECORD (26 CITINGS)
REFERENCE COUNT: 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 10 OF 16 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 2000:15173 CAPLUS
DOCUMENT NUMBER: 132:64526
TITLE: Preparation of amino acid derivatives as N type calcium channel inhibitors
INVENTOR(S): Seko, Takuya; Kato, Masashi
PATENT ASSIGNEE(S): Ono Pharmaceutical Co., Ltd., Japan
SOURCE: PCT Int. Appl., 237 pp.

CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000000470	A1	20000106	WO 1999-JP3409	19990625 <--
W: AU, BR, CA, CN, HU, JP, KR, MX, NO, NZ, RU, TR, US, ZA				
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
TW 245035	B	20051211	TW 1999-88110612	19990624
CA 2336162	A1	20000106	CA 1999-2336162	19990625 <--
AU 9945315	A	20000117	AU 1999-45315	19990625 <--
AU 759488	B2	20030417		
EP 1090912	A1	20010411	EP 1999-928205	19990625 <--
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI				
TR 2001000298	T2	20010621	TR 2001-298	19990625 <--
BR 9911515	A	20020122	BR 1999-11515	19990625 <--
HU 2001002369	A2	20020429	HU 2001-2369	19990625 <--
HU 2001002369	A3	20020528		
RU 2211830	C2	20030910	RU 2000-132729	19990625 <--
NZ 508757	A	20040227	NZ 1999-508757	19990625 <--
JP 3620644	B2	20050216	JP 2000-557231	19990625
CN 1269801	C	20060816	CN 1999-810097	19990625
ZA 2000007415	A	20020402	ZA 2000-7415	20001212 <--
MX 2000012599	A	20010405	MX 2000-12599	20001215 <--
NO 2000006646	A	20010226	NO 2000-6646	20001222 <--
US 6605608	B1	20030812	US 2000-720433	20001222 <--
US 20030232806	A1	20031218	US 2003-429793	20030506 <--
US 7351721	B2	20080401		
JP 2005068152	A	20050317	JP 2004-252307	20040831
JP 4214524	B2	20090128		

PRIORITY APPLN. INFO.:

JP 1998-195125 A 19980626
JP 2000-557231 A3 19990625
WO 1999-JP3409 W 19990625
US 2000-720433 A3 20001222

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S): MARPAT 132:64526

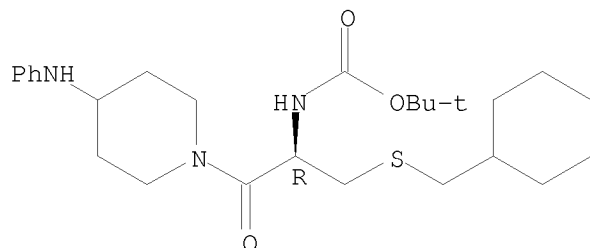
IT 253306-27-3P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of amino acid derivs. as N type calcium channel inhibitors)

RN 253306-27-3 CAPLUS

CN Carbamic acid, [(1R)-1-[[[(cyclohexylmethyl)thio]methyl]-2-oxo-2-[4-(phenylamino)-1-piperidinyl]ethyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

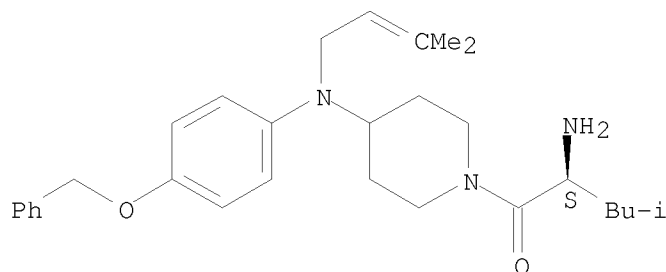
Absolute stereochemistry.



OS.CITING REF COUNT: 6 THERE ARE 6 CAPLUS RECORDS THAT CITE THIS RECORD
(12 CITINGS)
REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 11 OF 16 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 1999:589098 CAPLUS
DOCUMENT NUMBER: 131:331730
TITLE: Synthesis of a Series of 4-Benzoyloxyaniline Analogs as
Neuronal N-Type Calcium Channel Blockers with Improved
Anticonvulsant and Analgesic Properties
AUTHOR(S): Hu, Lain-Yen; Ryder, Todd R.; Rafferty, Michael F.;
Feng, M. Rose; Lotarski, Susan M.; Rock, David M.;
Sinz, Michael; Stoehr, Sally J.; Taylor, Charles P.;
Weber, Mark L.; Bowersox, S. Scott; Miljanich, George
P.; Millerman, Elizabeth; Wang, Yong-Xiang; Szoke,
Balazs G.
CORPORATE SOURCE: Departments of Chemistry Neuroscience Therapeutics and
Pharmacokinetics Dynamics and Metabolism, Parke-Davis
Pharmaceutical Research Division of Warner-Lambert
Company, Ann Arbor, MI, 48105, USA
SOURCE: Journal of Medicinal Chemistry (1999),
42(20), 4239-4249
CODEN: JMCMAR; ISSN: 0022-2623
PUBLISHER: American Chemical Society
DOCUMENT TYPE: Journal
LANGUAGE: English
IT 250237-01-5P
RL: BAC (Biological activity or effector, except adverse); BSU (Biological
study, unclassified); PRP (Properties); RCT (Reactant); SPN (Synthetic
preparation); BIOL (Biological study); PREP (Preparation); RACT (Reactant
or reagent)
(synthesis of 4-benzoyloxyaniline analogs as neuronal N-type calcium
channel blockers with improved anticonvulsant and analgesic properties)
RN 250237-01-5 CAPLUS
CN 1-Pentanone, 2-amino-4-methyl-1-[4-[(3-methyl-2-buten-1-yl)[4-
(phenylmethoxy)phenyl]amino]-1-piperidinyl]-, (2S)- (CA INDEX NAME)

Absolute stereochemistry.



OS.CITING REF COUNT: 32 THERE ARE 32 CAPLUS RECORDS THAT CITE THIS
RECORD (33 CITINGS)
REFERENCE COUNT: 48 THERE ARE 48 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 12 OF 16 CAPLUS COPYRIGHT 2010 ACS on STN
ACCESSION NUMBER: 1999:571302 CAPLUS
DOCUMENT NUMBER: 131:295124
TITLE: Structure-activity relationship at the proximal phenyl

group in a series of non-peptidyl N-type calcium channel antagonists

AUTHOR(S): Ryder, Todd R.; Hu, Lain-Yen; Rafferty, Michael F.; Lotarski, Susan M.; Rock, David M.; Stoeck, Sally J.; Taylor, Charles P.; Weber, Mark L.; Miljanich, George P.; Millerman, Elizabeth; Szoke, Balazs G.

CORPORATE SOURCE: Department of Chemistry, Parke-Davis Pharmaceutical Research, Division Of Warner-Lambert Company, Ann Arbor, MI, 48105, USA

SOURCE: Bioorganic & Medicinal Chemistry Letters (1999), 9(16), 2453-2458
CODEN: BMCLE8; ISSN: 0960-894X

PUBLISHER: Elsevier Science Ltd.

DOCUMENT TYPE: Journal

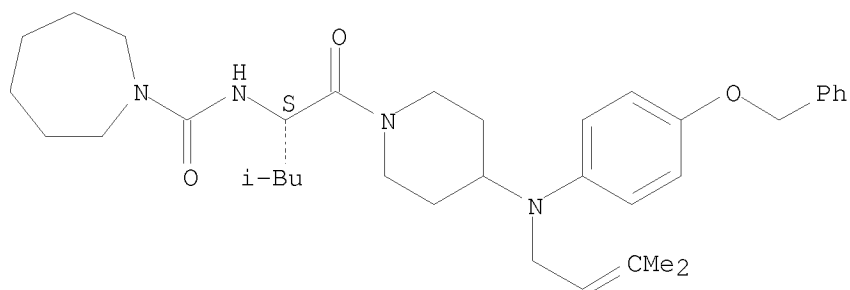
LANGUAGE: English

IT 247130-18-3, PD 181283
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); PRP (Properties); BIOL (Biological study)
(structure-activity relationship at the proximal Ph group in a series of non-peptidyl N-type calcium channel antagonists)

RN 247130-18-3 CAPLUS

CN 1H-Azepine-1-carboxamide, hexahydro-N-[(1S)-3-methyl-1-[[4-[(3-methyl-2-buten-1-yl)[4-(phenylmethoxy)phenyl]amino]-1-piperidinyl]carbonyl]butyl]-(CA INDEX NAME)

Absolute stereochemistry.



OS.CITING REF COUNT: 13 THERE ARE 13 CAPLUS RECORDS THAT CITE THIS RECORD (13 CITINGS)

REFERENCE COUNT: 18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 13 OF 16 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 1999:126886 CAPLUS

DOCUMENT NUMBER: 130:196584

TITLE: Preparation of aniline derivatives as calcium channel blockers

INVENTOR(S): Hu, Lain-Yen; Rafferty, Michael Francis; Ryder, Todd Robert

PATENT ASSIGNEE(S): Warner-Lambert Company, USA

SOURCE: PCT Int. Appl., 137 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9907689	A1	19990218	WO 1998-US15907	19980729 <--

W: AL, AU, BA, BB, BG, BR, CA, CN, CZ, EE, GE, HR, HU, ID, IL, IS, JP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, SL, TR, TT, UA, US, UZ, VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
 RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

AU 9887627	A	19990301	AU 1998-87627	19980729 <--
ZA 9807144	A	19990510	ZA 1998-7144	19980807 <--
US 6251918	B1	20010626	US 1999-402196	19990929 <--
US 20010023249	A1	20010920	US 2001-769798	20010125 <--
US 6495715	B2	20021217		
US 20030060632	A1	20030327	US 2002-252854	20020923 <--

PRIORITY APPLN. INFO.:

US 1997-55251P	P	19970811
US 1998-82358P	P	19980420
WO 1998-US15907	W	19980729
US 1999-402196	A3	19990929
US 2001-769798	A3	20010125

OTHER SOURCE(S): MARPAT 130:196584

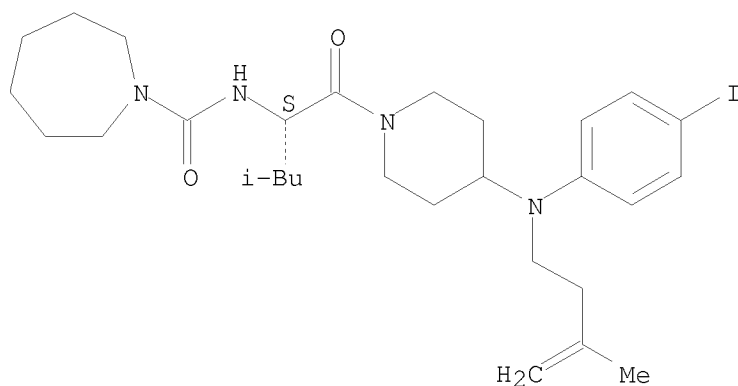
IT 220741-65-1P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (alkynylation; preparation of aniline derivs. as calcium channel blockers)

RN 220741-65-1 CAPLUS

CN 1H-Azepine-1-carboxamide, hexahydro-N-[(1S)-1-[[4-[(4-iodophenyl)(3-methyl-3-buten-1-yl)amino]-1-piperidinyl]carbonyl]-3-methylbutyl]- (CA INDEX NAME)

Absolute stereochemistry.



OS.CITING REF COUNT: 5 THERE ARE 5 CAPLUS RECORDS THAT CITE THIS RECORD (7 CITINGS)
 REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 14 OF 16 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 1997:94071 CAPLUS

DOCUMENT NUMBER: 126:104431

ORIGINAL REFERENCE NO.: 126:20165a,20168a

TITLE: Preparation of heterocyclic dipeptide derivatives which promote release of growth hormone

INVENTOR(S): Carpino, Philip A.; Jardine DaSilva, Paul A.; Lefker, Bruce A.; Ragan, John A.

PATENT ASSIGNEE(S): Pfizer Inc., USA

SOURCE: PCT Int. Appl., 173 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9638471	A1	19961205	WO 1995-IB410	19950529 <--
W: CA, FI, JP, MX, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
CA 2220055	A1	19961205	CA 1995-2220055	19950529 <--
CA 2220055	C	20010424		
EP 828754	A1	19980318	EP 1995-918123	19950529 <--
EP 828754	B1	20050202		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE				
JP 10510511	T	19981013	JP 1995-511175	19950529 <--
JP 3133073	B2	20010205	JP 1996-511175	19950529 <--
AT 288444	T	20050215	AT 1995-918123	19950529
ES 2235171	T3	20050701	ES 1995-918123	19950529
NO 9602162	A	19961202	NO 1996-2162	19960528 <--
AU 9654554	A	19961212	AU 1996-54554	19960528 <--
CN 1143647	A	19970226	CN 1996-107637	19960528 <--
US 5936089	A	19990810	US 1997-973268	19971126 <--
FI 9704368	A	19971128	FI 1997-4368	19971128 <--
PRIORITY APPLN. INFO.:			WO 1995-IB333	A 19950508
			WO 1995-IB410	W 19950529

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S): MARPAT 126:104431

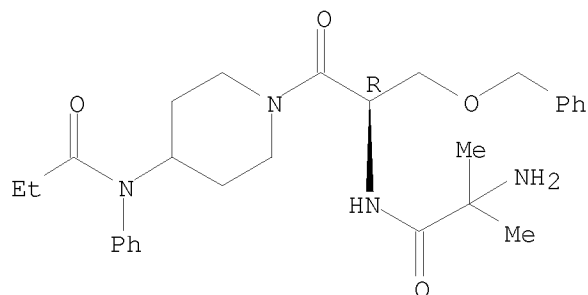
IT 185055-81-6P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (preparation of growth hormone-releasing dipeptides)

RN 185055-81-6 CAPLUS

CN Propanamide, 2-amino-2-methyl-N-[(1R)-2-oxo-2-[4-[(1-oxopropyl)phenylamino]-1-piperidinyl]-1-[(phenylmethoxy)methyl]ethyl]-, hydrochloride (1:1) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

OS.CITING REF COUNT: 20 THERE ARE 20 CAPLUS RECORDS THAT CITE THIS RECORD (45 CITINGS)
 REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 15 OF 16 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 1997:26293 CAPLUS
DOCUMENT NUMBER: 126:60362
ORIGINAL REFERENCE NO.: 126:11861a
TITLE: Preparation of heterocyclic dipeptide derivatives
which promote release of growth hormone
INVENTOR(S): Carpino, Philip A.; Jardine DaSilva, Paul A.; Lefker,
Bruce A.; Ragan, John A.
PATENT ASSIGNEE(S): Pfizer, Inc., USA
SOURCE: PCT Int. Appl., 158 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9635713	A1	19961114	WO 1995-IB333	19950508 <--
W: CA, FI, JP, MX, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
AU 9654554	A	19961212	AU 1996-54554	19960528 <--
PRIORITY APPLN. INFO.:			WO 1995-IB333	A 19950508
			WO 1995-IB410	A 19950529

OTHER SOURCE(S): MARPAT 126:60362

IT 185055-81-6P

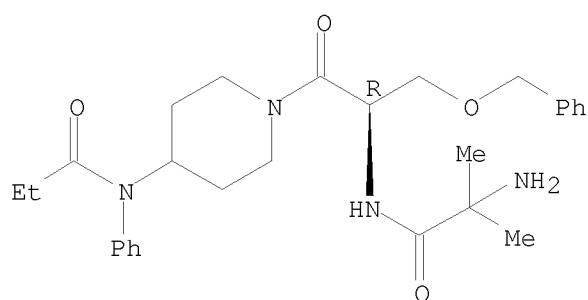
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation and growth hormone releasing activity of heterocyclic dipeptide derivs.)

RN 185055-81-6 CAPLUS

CN Propanamide, 2-amino-2-methyl-N-[(1R)-2-oxo-2-[4-[(1-oxopropyl)phenylamino]-1-piperidinyl]-1-[(phenylmethoxy)methyl]ethyl]-, hydrochloride (1:1) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

OS.CITING REF COUNT: 13 THERE ARE 13 CAPLUS RECORDS THAT CITE THIS RECORD (16 CITINGS)

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10 ANSWER 16 OF 16 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 1983:161161 CAPLUS

